

	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
1	US 20070140374 A1	20070621	48	SPATIO-TEMPORAL PROCESSING FOR COMMUNICATION	375/267	375/299
2	US 20070139054 A1	20070621	17	Stimulation-response measurement system and method using a chaotic lock-in amplifier	324/527	
3	US 20070019754 A1	20070125	48	SPATIO-TEMPORAL PROCESSING FOR COMMUNICATION	375/260	
4	US 20060153284 A1	20060713	18	Method and apparatus for a frequency agile variable bandwidth transceiver	375/219	
5	US 20050195915 A1	20050908	50	Spatio-temporal processing for communication	375/267	
6	US 20050157810 A1	20050721	52	Spatio-temporal processing for communication	375/267	
7	US 20050024262 A1	20050203	17	Simultaneous transmission of multiple signals through a common shared aperture	342/175	342/192; 342/194
8	US 20040245995 A1	20041209	17	System and method to locate common path distortion on cable systems	324/512	348/E17. 001
9	US 20040213358 A1	20041028	30	Radio receiver for receiving both VSB and QAM digital HDTV signals	375/316	348/726
10	US 20030193618 A1	20031016	30	RADIO RECEIVER FOR RECEIVING BOTH VSB AND QAM DIGITAL HDTV SIGNALS	348/729	348/731; 375/321
11	US 20030072382 A1	20030417	56	Spatio-temporal processing for communication	375/267	
12	US 20020110189 A1	20020815	18	Method and apparatus for a frequency agile variable bandwidth transceiver	375/235	375/350

	<b>Inventor</b>
1	Raleigh; Gregory G. et al.
2	Tufillaro; Nicholas B. et al.
3	Raleigh; Gregory G. et al.
4	Souissi; Slim Salah et al.
5	Raleigh, Gregory G. et al.
6	Raleigh, Gregory G. et al.
7	Cantrell, Ben et al.
8	Williams, Thomas Holtzman
9	Patel, Chandrakant Bhailalbai et al.
10	PATEL, CHANDRAKANT BHAILALBHAI et al.
11	Raleigh, Gregory G. et al.
12	Souissi, Slim Salah et al.

	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
13	US 20020044014 A1	20020418	99	Amplifier measurement and modeling processes for use in generating predistortion parameters	330/2	330/149
14	US 20020008578 A1	20020124	99	Amplifier measurement and modeling processes for use in generating predistortion parameters	330/149	
15	US 20010050592 A1	20011213	100	Amplifier measurement and modeling processes for use in generating predistortion parameters	330/2	330/149
16	US 7292164 B1	20071106	86	Enhanced data converters using compression and decompression	341/76	341/87
17	US 7245596 B2	20070717	28	Modularly clustered radiotelephone system	370/329	370/336; 370/442; 375/222
18	US 7203249 B2	20070410	52	Spatio-temporal processing for communication	375/299	375/260; 375/267
19	US 7145971 B2	20061205	53	Spatio-temporal processing for communication	375/347	
20	US 7088276 B1	20060808	91	Enhanced data converters using compression and decompression	341/155	341/144; 341/51; 702/189
21	US 7071852 B1	20060704	89	Enhanced test and measurement instruments using compression and decompression	341/61	341/144; 341/155
22	US 7009533 B1	20060307	89	Adaptive compression and decompression of bandlimited signals	341/76	341/87
23	US 6888899 B2	20050503	49	Spatio-temporal processing for communication	375/299	375/296; 375/347; 375/349
24	US 6803970 B1	20041012	16	Digital television receiver with match filter responsive to field synchronization code	348/725	348/E5.0 17; 348/E5.0 84; 348/E5.1 08
25	US 6798843 B1	20040928	96	Wideband digital predistortion linearizer for nonlinear amplifiers	375/296	330/149; 375/297
26	US RE38456 E	20040309	34	Decimation of baseband DTV signals prior to channel equalization in digital television signal receivers	348/726	348/720; 375/348

	<b>Inventor</b>
<b>13</b>	Wright, Andrew S. et al.
<b>14</b>	Wright, Andrew S. et al.
<b>15</b>	Wright, Andrew S. et al.
<b>16</b>	Wegener; Albert W.
<b>17</b>	Cooley; David M. et al.
<b>18</b>	Raleigh; Gregory G. et al.
<b>19</b>	Raleigh; Gregory G. et al.
<b>20</b>	Wegener; Albert William
<b>21</b>	Wegener; Albert William
<b>22</b>	Wegener; Albert W.
<b>23</b>	Raleigh; Gregory G. et al.
<b>24</b>	Limberg; Allen LeRoy et al.
<b>25</b>	Wright; Andrew S. et al.
<b>26</b>	Patel; Chandrakant B. et al.

	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
27	US 6697436 B1	20040224	94	Transmission antenna array system with predistortion	375/296	330/106; 330/107; 375/297; 455/108; 455/126
28	US 6665355 B1	20031216	9	Method and apparatus for pilot-aided carrier acquisition of vestigial sideband signal	375/321	375/326
29	US 6621527 B1	20030916	18	Digital receiver with match filter responsive to field synchronization code in the final I-F signal envelope	348/725	348/21; 348/526; 348/723; 348/726
30	US 6587514 B1	20030701	95	Digital predistortion methods for wideband amplifiers	375/296	330/149; 455/126
31	US 6545728 B1	20030408	36	Digital television receivers that digitize final I-F signals resulting from triple-conversion	348/725	348/726; 348/727; 348/728; 455/150.1; ; 455/188.1; ; 455/189.1
32	US 6526101 B1	20030225	27	Receiver for QAM digital television signals	375/240.28	348/E5.106; 348/E5.108
33	US 6512555 B1	20030128	33	Radio receiver for vestigial-sideband amplitude-modulation digital television signals	348/726	348/500; 348/725; 348/729; 348/731; 348/737; 375/319
34	US 6496488 B1	20021217	30	Modularly clustered radiotelephone system	370/324	370/337
35	US 6476670 B2	20021105	94	Amplifier measurement and modeling processes for use in generating predistortion parameters	330/2	330/136
36	US 6459334 B2	20021001	93	Amplifier measurement and modeling processes for use in generating predistortion parameters	330/2	330/149

	<b>Inventor</b>
<b>27</b>	Wright; Andrew S. et al.
<b>28</b>	Chen; Ting-Yin et al.
<b>29</b>	Limberg; Allen LeRoy et al.
<b>30</b>	Wright; Andrew S. et al.
<b>31</b>	Patel; Chandrakant B. et al.
<b>32</b>	Patel; Chandrakant B.
<b>33</b>	Patel; Chandrakant B. et al.
<b>34</b>	Cooley; David M. et al.
<b>35</b>	Wright; Andrew S. et al.
<b>36</b>	Wright; Andrew S. et al.

	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
37	US 6452981 B1	20020917	50	Spatio-temporal processing for interference handling	375/299	375/296; 375/347; 375/349
38	US RE37802 E	20020723	29	Multicode direct sequence spread spectrum	375/141	370/209; 375/219; 380/34
39	US 6396542 B1	20020528	48	TV receiver having kinescope with 16:9 aspect ratio screen and dot pitch for 480 lines per frame resolution	348/445	348/446; 348/556; 348/558
40	US 6388513 B1	20020514	94	Amplifier measurement and modeling processes for use in generating predistortion parameters	330/2	330/149
41	US 6377631 B1	20020423	48	Transmitter incorporating spatio-temporal processing	375/299	375/296
42	US 6356146 B1	20020312	96	Amplifier measurement and modeling processes for use in generating predistortion parameters	330/2	330/149
43	US 6342810 B1	20020129	94	Predistortion amplifier system with separately controllable amplifiers	330/51	330/124D; 330/124R; 330/129; 330/150
44	US 6333767 B1	20011225	30	Radio receivers for receiving both VSB and QAM digital television signals with carriers offset by 2.69 MHz	348/725	348/470; 348/554; 348/555; 348/558; 348/678; 348/726; 375/316; 375/321; 375/324
45	US 6313703 B1	20011106	59	Use of antiphase signals for predistortion training within an amplifier system	330/149	330/124R; 330/2
46	US 6272226 B1	20010807	24	Apparatus and method for masking audio signals in a signal distribution system	381/4	381/15; 381/16; 381/3

	<b>Inventor</b>
<b>37</b>	Raleigh; Gregory G. et al.
<b>38</b>	Fattouche; Michel T. et al.
<b>39</b>	Patel; Chandrakant B.
<b>40</b>	Wright; Andrew S. et al.
<b>41</b>	Raleigh; Gregory G.
<b>42</b>	Wright; Andrew S. et al.
<b>43</b>	Wright; Andrew S. et al.
<b>44</b>	Patel; Chandrakant B. et al.
<b>45</b>	Wright; Andrew S. et al.
<b>46</b>	Khan; Raheel et al.